

Converting Colors

XYZ(67.5523, 75.0891, 71.2549)

Have a look what the booklet for
XYZ(67.5523, 75.0891, 71.2549)
contains.

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Color

**XYZ(67.5523, 75.0891,
71.2549)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E5D1
RGB	215, 229, 209
RGB Percent	84%, 90%, 82%
CMY	0.1569, 0.1019, 0.1804
CMYK	0.06, 0.00, 0.09, 0.10
HSL	102°, 28%, 86%
HSV	102°, 9%, 90%
XYZ	67.5523, 75.0891, 71.2549
YIQ	222.5340, -1.9240, -9.1880

Conversions

Conversions Part 2

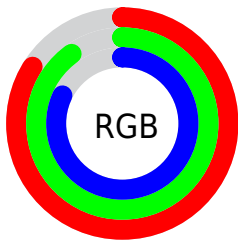
Format	Color
R_{YB}	209, 229, 223
Decimal	14149073
CIE _{Lab}	89.43, -8.25, 8.14
CIE _{LCh}	89, 11.594, 135.376
Yxy	75.0891, 0.3158, 0.3511
Android (android.graphics.Color)	4292339153 (0xFFD7E5D1)
YUV	222.5340, -6.6723, -6.6073
Hunter-Lab	86.6540, -12.4923, 11.9041

Details

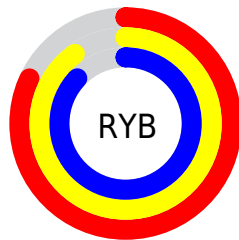
The XYZ color **67.5523, 75.0891, 71.2549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3776, 66.9481, 83.5036**, and the grayscale version is **69.8573, 73.4953, 80.0364**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5497, 40.1122, 36.8791** is the 20% darker color. If you saturate the color by 10%, you get **60.4396, 71.7289, 57.1704**, and if you desaturate by 10%, it is **75.5381, 78.8566, 87.5108**.

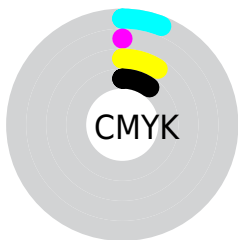
Distribution



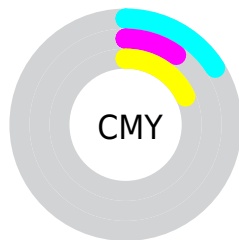
- Red (84%)
- Green (90%)
- Blue (82%)



- Red (82%)
- Yellow (90%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5523, 75.0891, 71.2549 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 67.5523, 75.0891, 71.2549 by changing the saturation by 10% instead.

67.5523, 75.0891,
71.2549

67.5523, 75.0891,
71.2549

441.3098,
478.2238, 483.8517

49.8059, 55.6859,
52.0671

114.7569,
126.4385, 122.6944

35.4764, 39.9511,
36.6760

144.9458,
159.1534, 155.7833

24.1983, 27.5004,
24.6629

180.0130,
197.0744, 194.3429

15.6063, 17.9494,
15.6093

220.3237,
240.5859, 238.7919

9.3351, 10.9137,
9.0968

266.2434,
290.0721, 289.5487

5.0192, 6.0088,
4.7067

318.1375,

2.2934, 2.8504,

345.9176, 347.0319

2.0205

376.3711,
408.5067, 411.6600

■ 0.7913, 1.0542,
0.5678

■ 0.0000, 0.0000,
0.0000

■ 67.5523, 75.0891,
71.2549

■ 67.5523, 75.0891,
71.2549

■ 60.4396, 71.7289,
57.1704

■ 75.5381, 78.8566,
87.5108

■ 54.1633, 68.7527,
45.1606

■ 84.4198, 83.0348,
106.0193

■ 48.6930, 66.1491,
35.1288

■ 87.3107, 84.5215,
106.3202

■ 43.9943, 63.9025,
26.9688

■ 40.0299, 61.9965,
20.5642

■ 36.7591, 60.4127,
15.7859

■ 34.1369, 59.1312,
12.4867

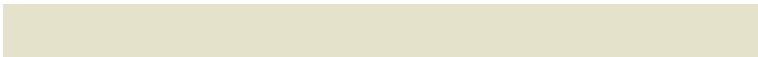
■ 32.1118, 58.1292,
10.4931

■ 30.6143, 57.3767,
9.5445

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.9314, 75.0891, 67.5836



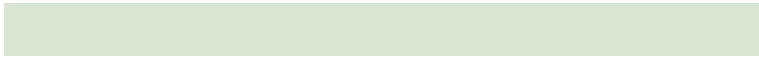
67.5523, 75.0891, 71.2549



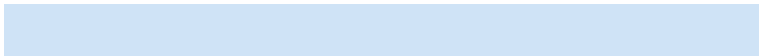
66.2138, 75.0891, 77.8726

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.5523, 75.0891, 71.2549



69.9996, 75.0891, 97.8500



76.7676, 75.0891, 77.6810

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.5523, 75.0891, 71.2549



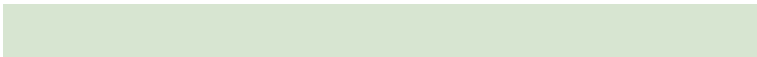
67.3776, 66.9481, 83.5036

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7870, 75.0891, 85.7731



67.5523, 75.0891, 71.2549



72.8281, 75.0891, 97.7902

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.5523, 75.0891, 71.2549



67.6011, 75.0891, 93.4067



75.3288, 75.0891, 93.2484



75.2763, 75.0891, 71.1227

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.5523, 75.0891, 71.2549



66.0684, 75.0891, 83.2336



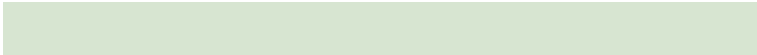
75.3288, 75.0891, 93.2484



76.9477, 75.0891, 80.3024

Sweetspot

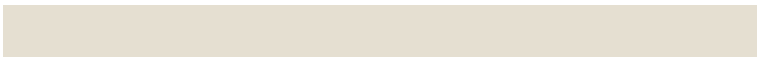
The Sweet Spot groups the original color and five complimentary colors.



67.5544, 75.0923, 71.2565



91.8996, 98.5154, 102.4509



70.2124, 74.0400, 70.9133



19.4938, 21.0031, 21.5691



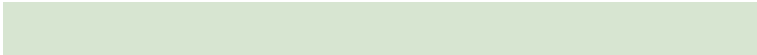
0.0000, 0.0000, 0.0000



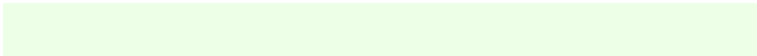
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.5544, 75.0923, 71.2565



84.9474, 95.2352, 88.4003



66.3263, 74.4013, 73.8175



14.5937, 16.2976, 15.2810



17.5167, 32.8117, 5.4101



1.3857, 2.4717, 0.4041

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67.3776, 66.9481, 83.5036



84.6898, 83.3739, 106.2369



68.7069, 67.6972, 80.6830



14.5522, 14.3869, 18.1543



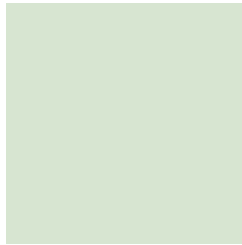
16.5380, 7.5916, 42.9768



1.3148, 0.6088, 3.1802

Previews

White Background



This preview shows how the XYZ color 67.5523, 75.0891, 71.2549 looks on a white background.

Color Contrast Check

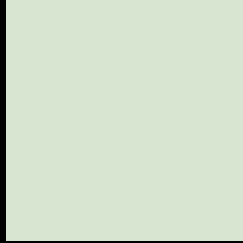
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.5523, 75.0891, 71.2549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

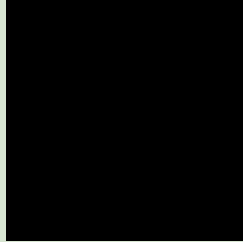
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

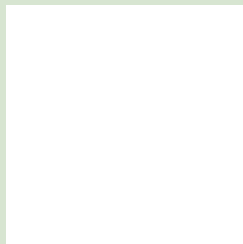
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5523, 75.0891, 71.2549

Background



This preview shows how black text looks on a background with the XYZ color 67.5523, 75.0891, 71.2549.



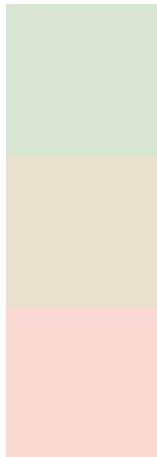
This preview shows how white text looks on a background with the XYZ color 67.5523, 75.0891,

71.2549.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.5523, 75.0891, 71.2549

Protanopia

71.4005, 75.0912, 69.1234

Deuteranopia

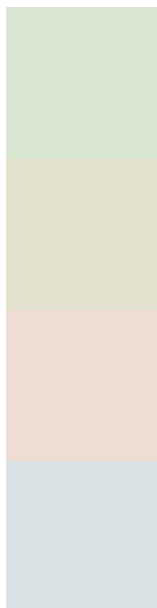
76.3544, 74.8381, 72.0489



Tritanopia

72.1979, 74.9378, 94.6636

Trichromacy



Original Color

67.5523, 75.0891, 71.2549

Protanomaly

69.8229, 75.0665, 69.8407

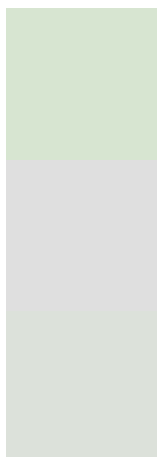
Deuteranomaly

72.7492, 74.5432, 71.5267

Tritanomaly

70.3927, 75.0113, 85.6314

Monochromacy



Original Color

67.5523, 75.0891, 71.2549

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.0953, 74.1280, 76.9961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5523, 75.0891, 71.2549 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(215, 229, 209) looks like.

```
.text, #text, p{  
    color:rgb(215, 229, 209)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 229, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 229, 209) }
```

Border

The CSS property to change the border of an element to XYZ 67.5523, 75.0891, 71.2549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 229, 209) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(215, 229, 209) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(215, 229, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 229, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 229, 209);  
box-shadow:4px 4px 4px 4px rgb(215, 229,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5523, 75.0891, 71.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 229, 209) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
229, 209) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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